

## Converting Like Measurements

<b>Overarching Student Learning Goals</b> In this unit, your child will work to build an understanding of the following:	<b>Resources/Tasks to support your child at home.</b>
<p><b>Convert from one unit of measure to another within the same system</b></p> <ul style="list-style-type: none"> <li>One focus with measurement is “equivalent measurements.” Any measurement can be rewritten with larger or smaller units, for example: 6 feet = 2 yards = 72 inches.</li> <li>In Grade 4, students used conversion tables to express larger units in terms of smaller ones. In Grade 5, students express smaller units in terms of larger ones. This “going both ways” from bigger to smaller or smaller to bigger connects to work students have done with decimals and fractions.</li> </ul> <div data-bbox="842 672 1113 842" style="border: 1px solid black; padding: 5px; margin: 10px auto; width: fit-content;"> <p style="text-align: center;"><b>Metric Conversion of Length</b></p> <p style="text-align: center;">1 m = 100 cm 1 cm = 10 mm 1 km = 1000 m</p> </div>	<p>Students should have experience using the Grade 5 FSA reference sheet with this Unit - <a href="https://bit.ly/2X1brJz">https://bit.ly/2X1brJz</a></p> <ul style="list-style-type: none"> <li>LearnZillion: Select Appropriate Measurement Units -</li> <li>Khan Academy: Converting Time Units - <a href="https://bit.ly/2UsxJaD">https://bit.ly/2UsxJaD</a></li> <li>Khan Academy: Converting Volume Units - <a href="https://bit.ly/2leU84y">https://bit.ly/2leU84y</a></li> <li>Khan Academy: Length Units - <a href="https://bit.ly/2UgyGjD">https://bit.ly/2UgyGjD</a></li> </ul>
<p><b>Solve problems that require conversion between measurement units</b></p> <ul style="list-style-type: none"> <li>Students will use their knowledge and experience converting equivalent measures to solve real-world/word problems</li> <li>For example:             <ul style="list-style-type: none"> <li><i>Each morning Kol rides 500 m on an exercise bike. How many kilometers does he ride in one week?</i></li> <li><i>Ben is 140 cm tall. Fareed is 1090 mm tall. Who is taller? How much taller?</i></li> <li><i>An African Elephant’s tail is 51 inches long. The elephant’s whole body is 6 time as long. How long is the whole elephant in feet?</i></li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>LearnZillion: Convert Smaller Metric Unit to Larger Metric Unit - <a href="https://bit.ly/2Uu9p8b">https://bit.ly/2Uu9p8b</a></li> <li>Khan Academy: Converting Metric Distance - <a href="https://bit.ly/2P1dwTg">https://bit.ly/2P1dwTg</a></li> <li>Khan Academy: Centimeters to Meters - <a href="https://bit.ly/2ldHylV">https://bit.ly/2ldHylV</a></li> </ul>